

# 1. Introduction

Welcome to the CT Teacher Technology Competencies Survey. This survey was developed by the Tech Group of the Alliance of Regional Educational Service Centers to help determine how technologically proficient Connecticut teachers are. The survey lists 26 behaviors demonstrated by educators who are proficient at using technology to create 21st Century learners. These behaviors are aligned with the International Society for Technology in Education's National Educational Technology Standards for Students and Teachers (NETS\*S and NETS\*T).

Please answer each question honestly relative to where you are right now, not where you would like to be. This data will be used to assist in planning appropriate technology professional development activities.

## 1. Gender

## \*2. Please complete the demographic information below:

School

**3. Please choose the district where you teach from the drop down menu under your RESC area. If you do not find your district, please type it into the Other box.**

ACES Districts

CES Districts

CREC Districts

EASTCONN  
Districts

EDUCATION  
CONNECTION  
Districts

LEARN Districts

School District

Other (please specify)

## 4. Please check all boxes that apply:

Elementary

Intermediate

Middle School

High School

All grades

Other

Grade/s Taught

☐☐☐☐☐☐

## \*5. Please check all boxes that apply:

English/LA

Math

Science

Social  
Studies

Health/PE

World  
Languages

Music

Art

Computers/Tech  
Ed

Other

Subject/s Taught

☐☐☐☐☐☐☐☐☐☐

Other (please specify)

## \*6. How many years have you been teaching (including this year)?

## 2. Teaching Information

This page is for teachers with less than 7 years of teaching experience to gather data about how their teacher preparation program prepared them with technology skills.

### 1. From which teacher preparation program did you graduate?

### 2. On a scale of 1 to 5, how technologically proficient were you prior to entering college.

Not proficient at all

Limited proficiency

Somewhat proficient

Quite proficient

Very proficient

Level of Tech Proficiency  
Prior to College



### \*3. Do you feel that your teacher preparation program prepared you well by giving you skills to integrate technology into your teaching?

### 4. If you answered Yes to the question above, what technology integration skills did your teacher preparation program teach you and what courses did you take that modeled effective integration of technology?

### 3. NETS\*T Standard I: Facilitate and Inspire Student Learning and Creativity

Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.

**1. Please choose only one response for each statement. Choose the response that best matches where you are right now:**

	I need to learn this	I can do this with support	I do this as part of my teaching & learning	I can teach other educators
1. I design learning activities that require students to apply existing knowledge to generate new ideas, products, or processes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I design learning activities that require students to create original works as a means of personal or group expression.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I use models and simulations that require students to explore complex systems and issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I design learning activities that require students to identify trends and forecast possibilities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

## 4. NETS\*T & S Standard II: Modeling Digital-Age Work & Learning through...

Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Teachers design, develop, and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS•S.

**\*1. Please choose only one response for each statement. Choose the response that best matches where you are right now:**

	I need to learn this	I can do this with support	I do this as part of my teaching & learning	I can teach other educators
1. I model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I design learning activities that require students to interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I collaborate with students, peers, parents, and community members using digital tools and resources to support student success and innovation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I communicate relevant information and ideas effectively to students, parents, and peers using a variety of digital-age media and formats.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. I design or adapt relevant learning experiences that incorporate digital tools and resources which require students to work in project teams to produce original works and/or solve problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I design learning activities that use technology resources to develop cultural understanding and global awareness by engaging with learners of other cultures.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

## 5. NETS\*S Standard III. Research and Information Fluency

Teachers exhibit knowledge, skills, and work processes representative of an innovative professional in a global and digital society.

**\*1. Please choose only one response for each statement. Choose the response that best matches where you are right now:**

	I need to learn this	I can do this with support	I do this as part of my teaching & learning	I can teach other educators
1. I design learning activities that require students to plan strategies to guide their inquiry.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I require students to locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media..	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I design learning activities that require students to evaluate and select information sources and digital tools based on the appropriateness to specific tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I design learning activities that require students to process data and report results.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

## 6. NETS\*T Standard IV: Promote and Model Digital Citizenship and Responsibility...

Teachers understand local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practices.

**1. Please choose only one response for each statement. Choose the response that best matches where you are right now:**

	I need to learn this	I can do this with support	I do this as part of my teaching & learning	I can teach other educators
1. I advocate, model, and teach safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I address the diverse needs of all learners by using learner-centered strategies and providing equitable access to appropriate digital tools and resources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I promote and model digital etiquette and responsible social interactions related to the use of technology and information.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I develop and model cultural understanding and global awareness by engaging with colleagues and students of other cultures using digital-age communication and collaboration tools.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

## 7. NETS\*T Standard V: Engage in Professional Growth and Leadership

Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.

**1. Please choose only one response for each statement. Choose the response that best matches where you are right now:**

	I need to learn this	I can do this with support	I do this as part of my teaching & learning	I can teach other educators
1. I participate in local and global learning communities to explore creative applications of technology to improve student learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I evaluate and reflect on current research and professional practice on a regular basis to make effective use of existing and emerging digital tools and resources in support of student learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I contribute to the effectiveness, vitality, and self-renewal of the teaching profession and of their school and community.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

## 8. NETS\*S Standard IV: Critical Thinking, Problem Solving, and Decision Makin...

Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. Teachers support students in applying these skills.

**1. Please choose only one response for each statement. Choose the response that best matches where you are right now:**

	I need to learn this	I can do this with support	I do this as part of my teaching & learning	I can teach other educators
1. I design learning activities that require students to identify and define authentic problems and significant questions for investigation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I design learning activities that require students to plan and manage activities to develop a solution or complete a project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I design learning activities that require students to collect and analyze data to identify solutions and/or make informed decisions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I design learning activities that require students to use multiple processes and diverse perspectives to explore alternative solutions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)